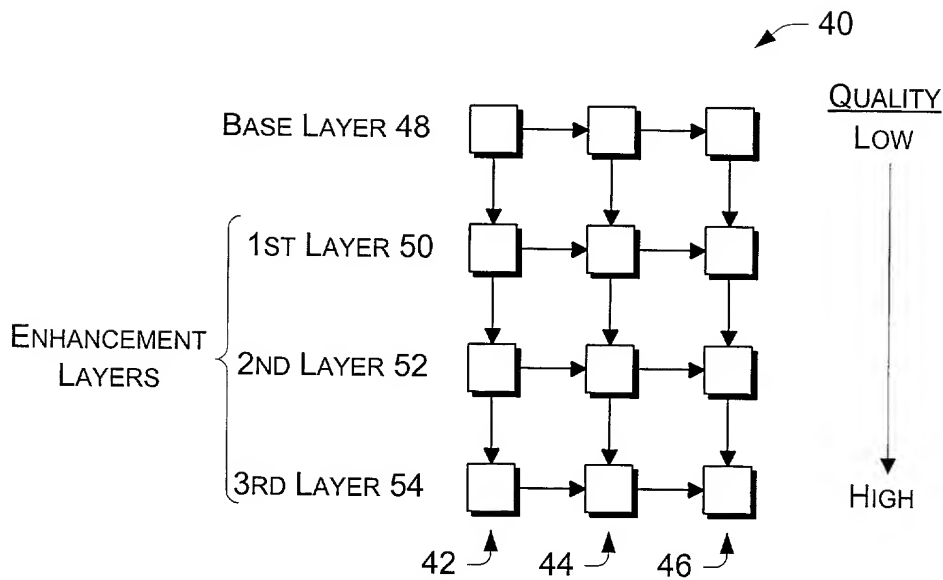


*Fig. 1*  
*Prior Art*



*Fig. 2*  
*Prior Art*

FIG. 1

*Fig. 3*

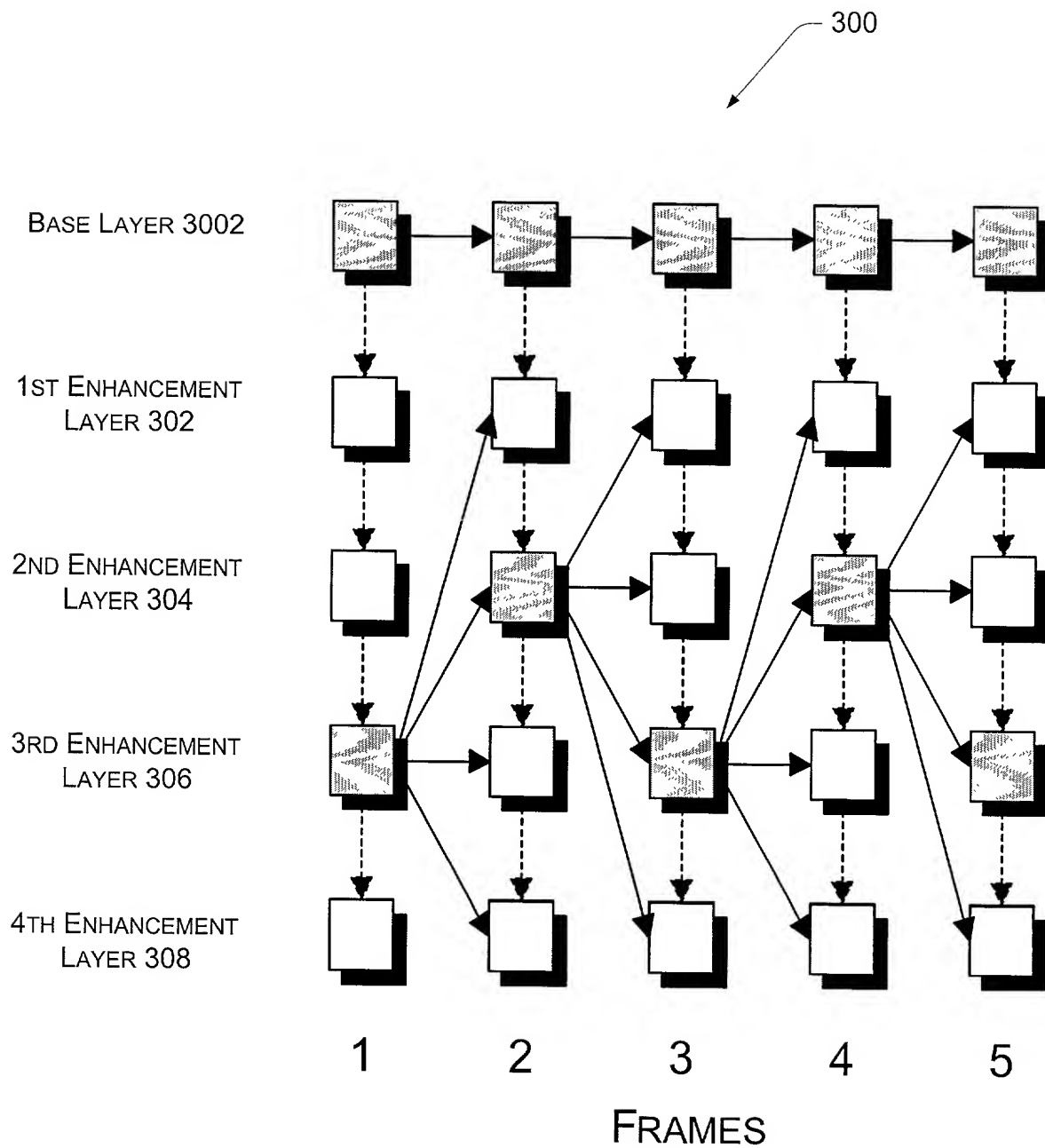


Fig. 4

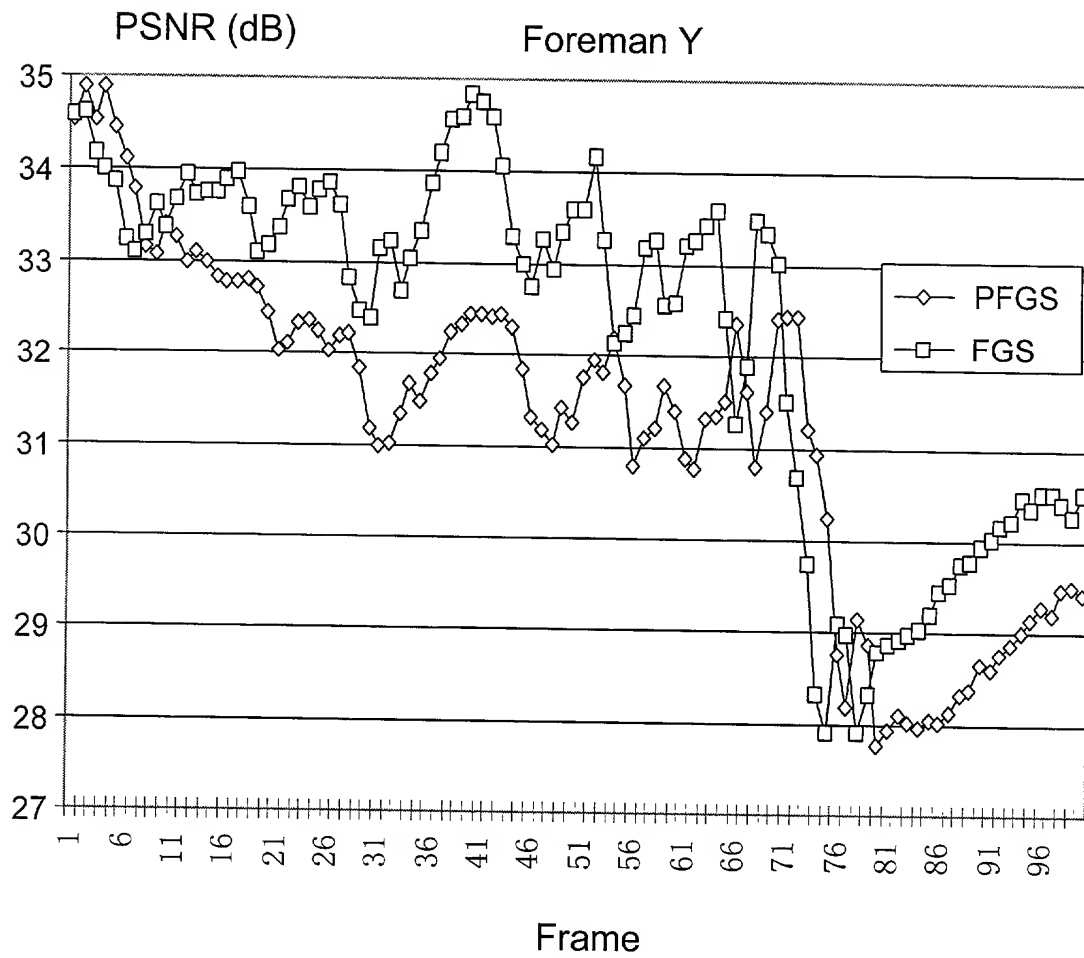
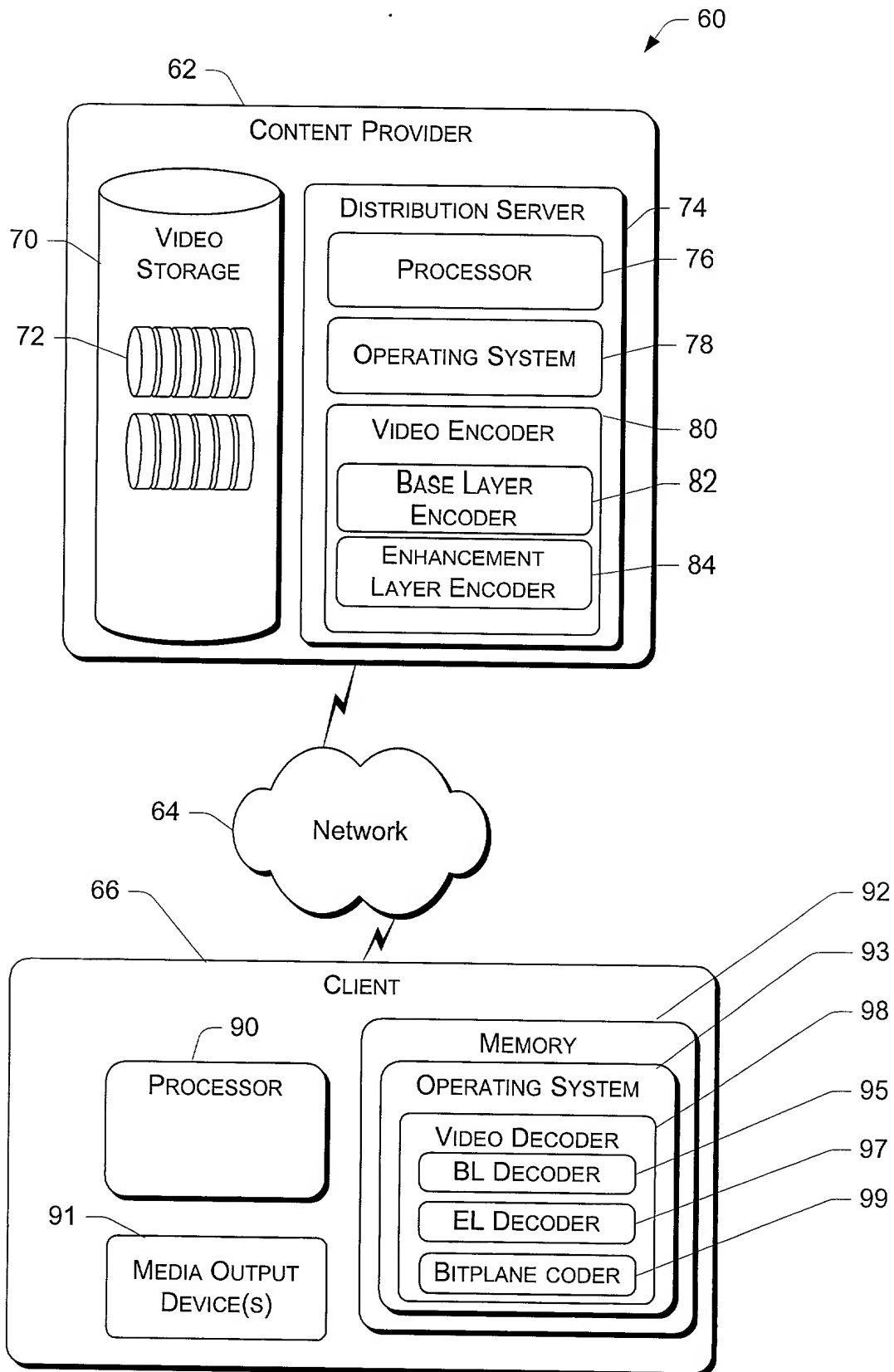
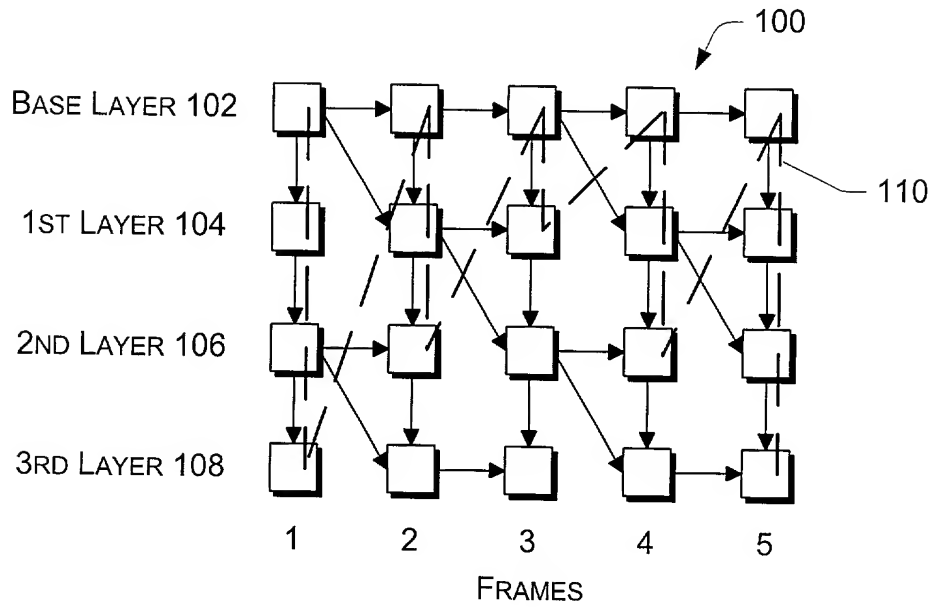


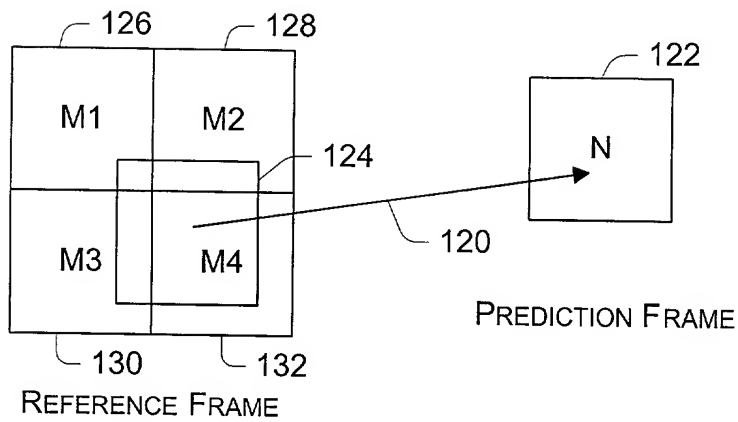
Fig. 5

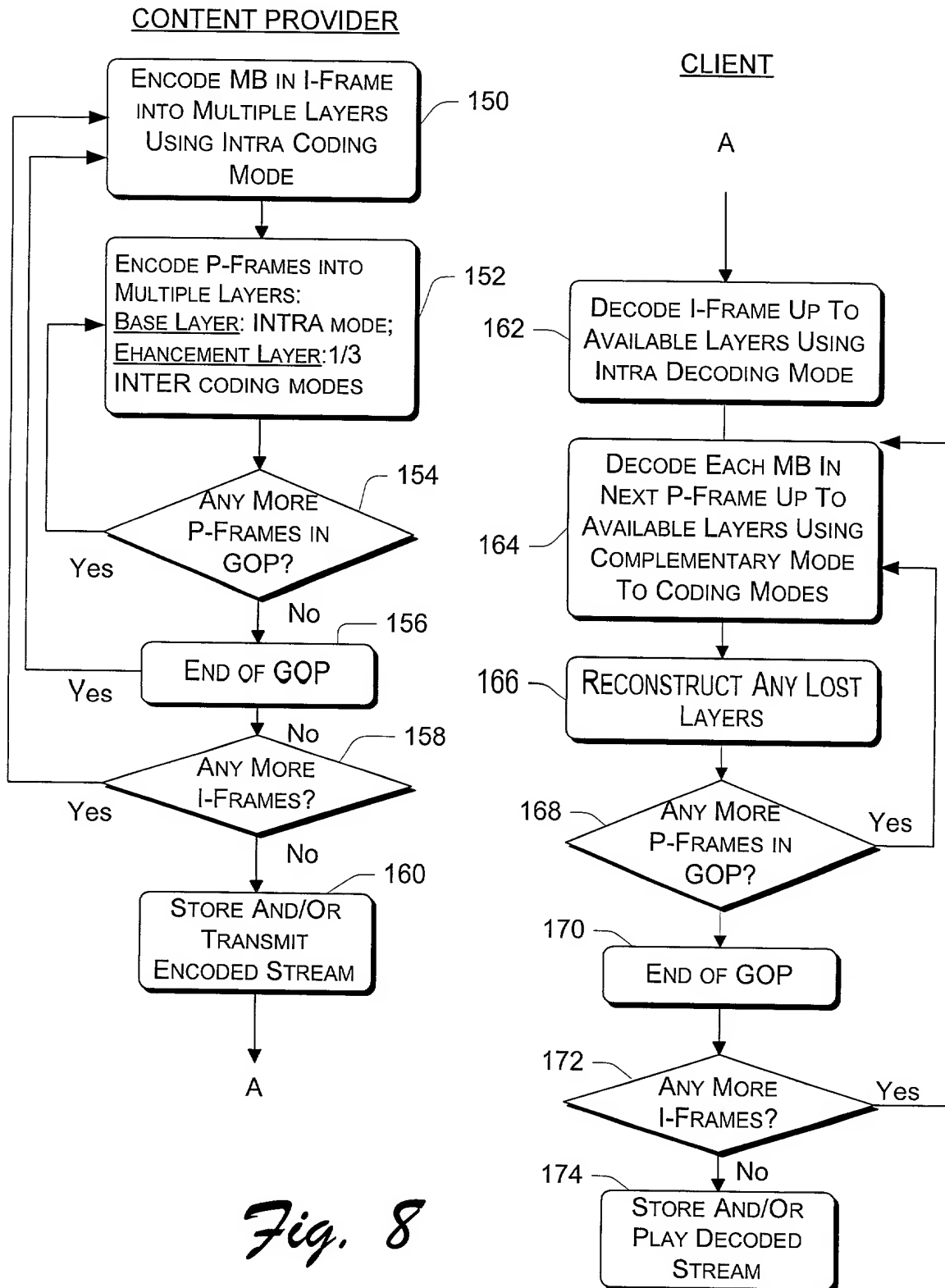




*Fig. 6*

*Fig. 7*





*Fig. 8*

*Fig. 9*

80

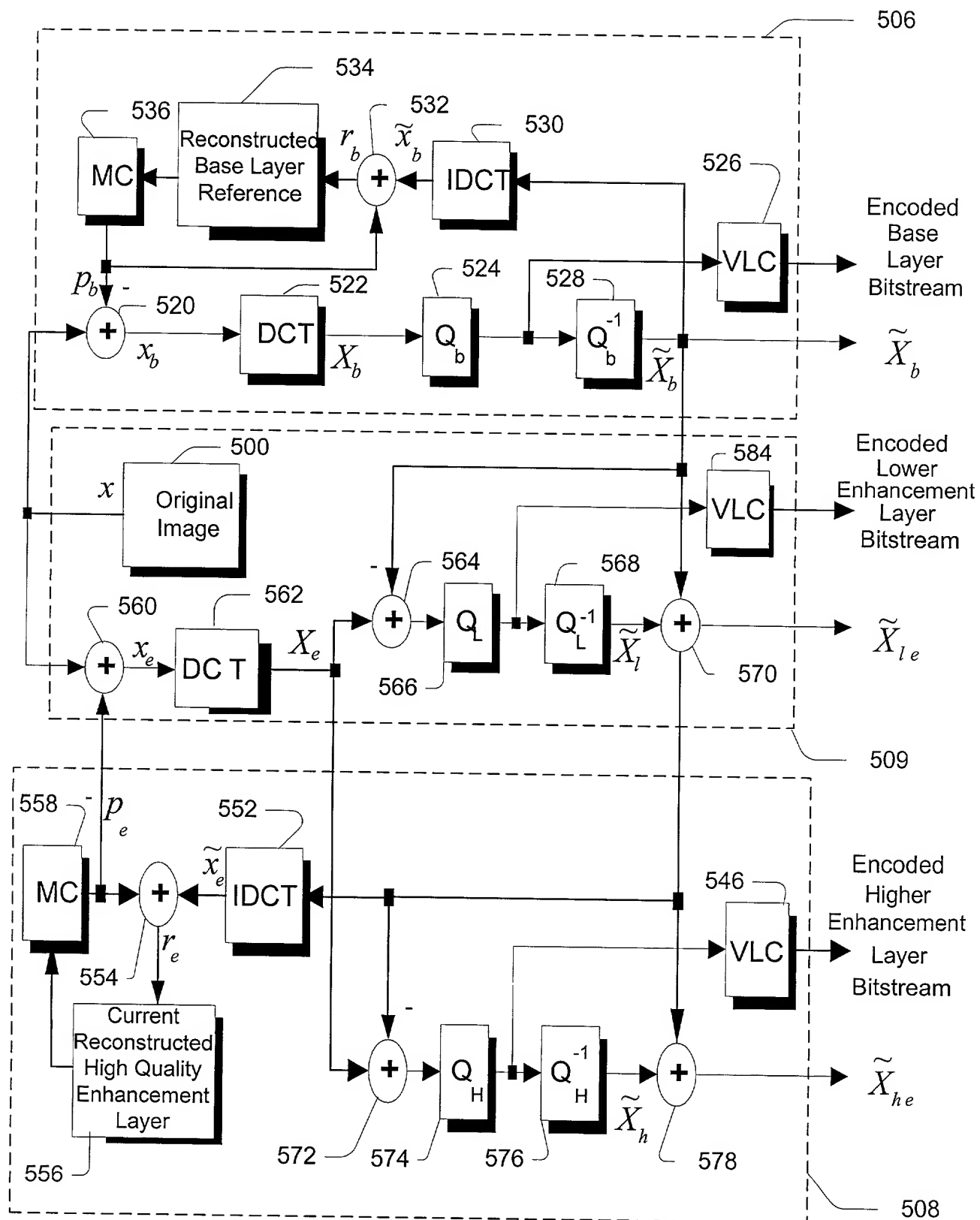


Fig. 10

FIG. 10

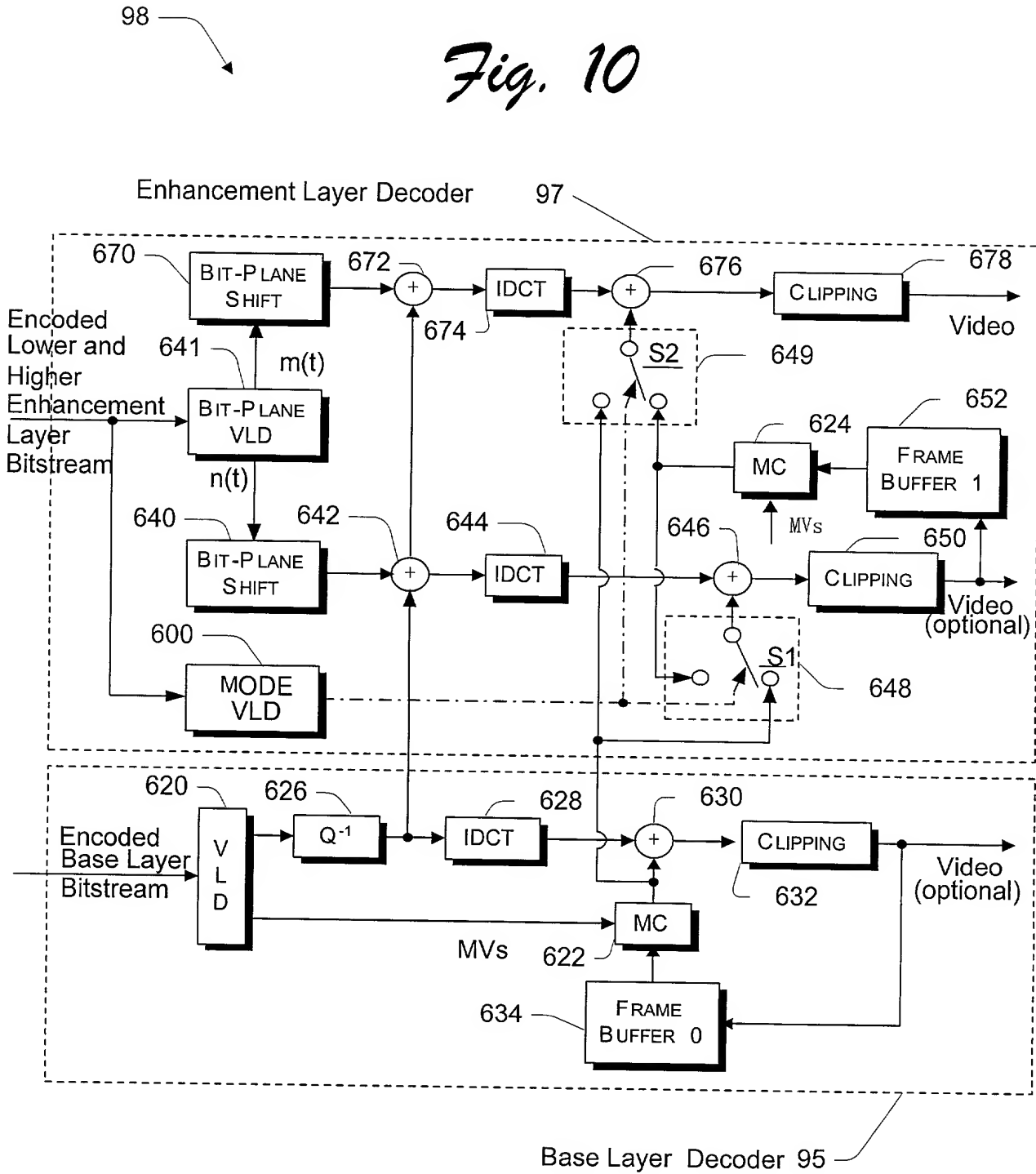
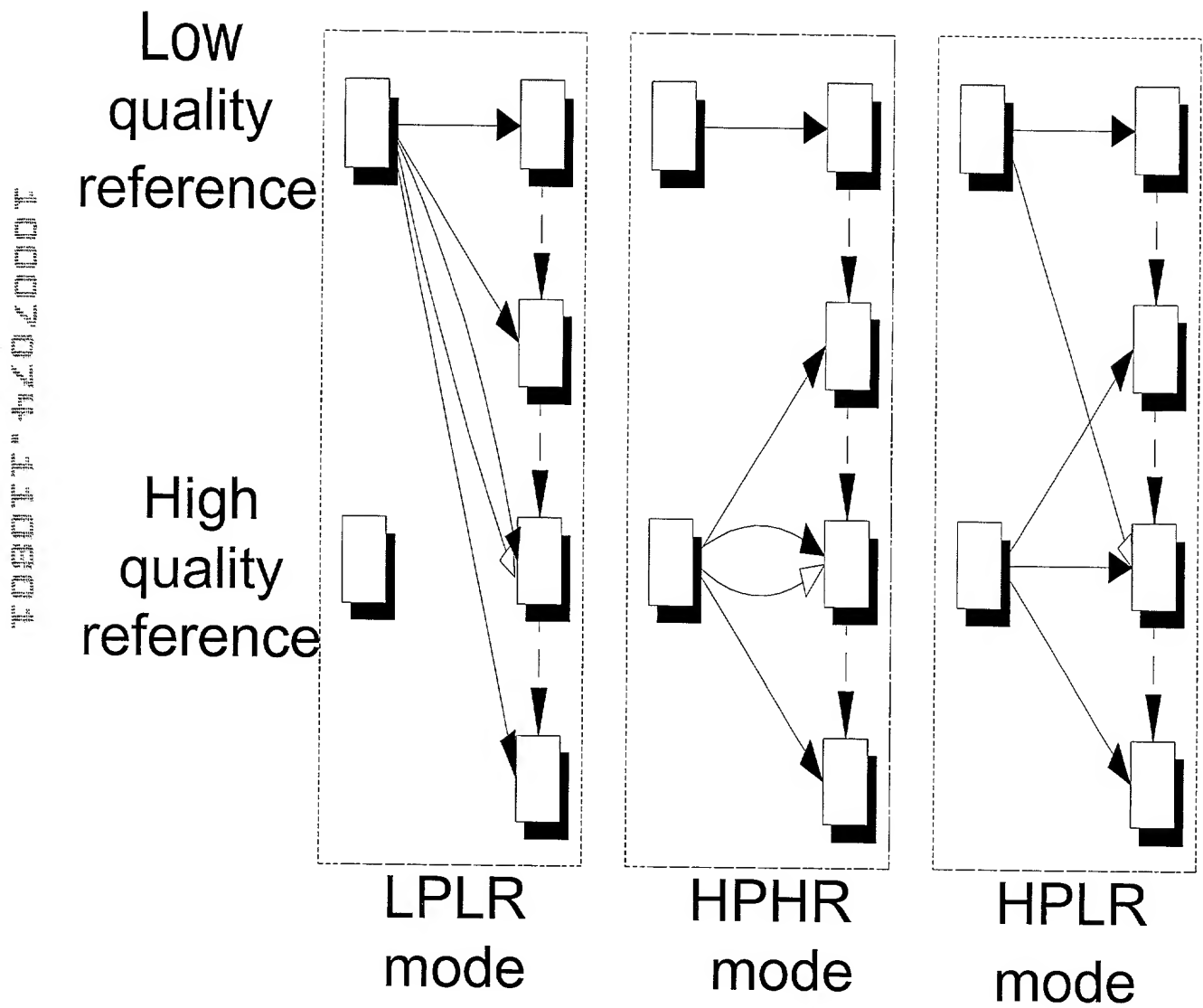
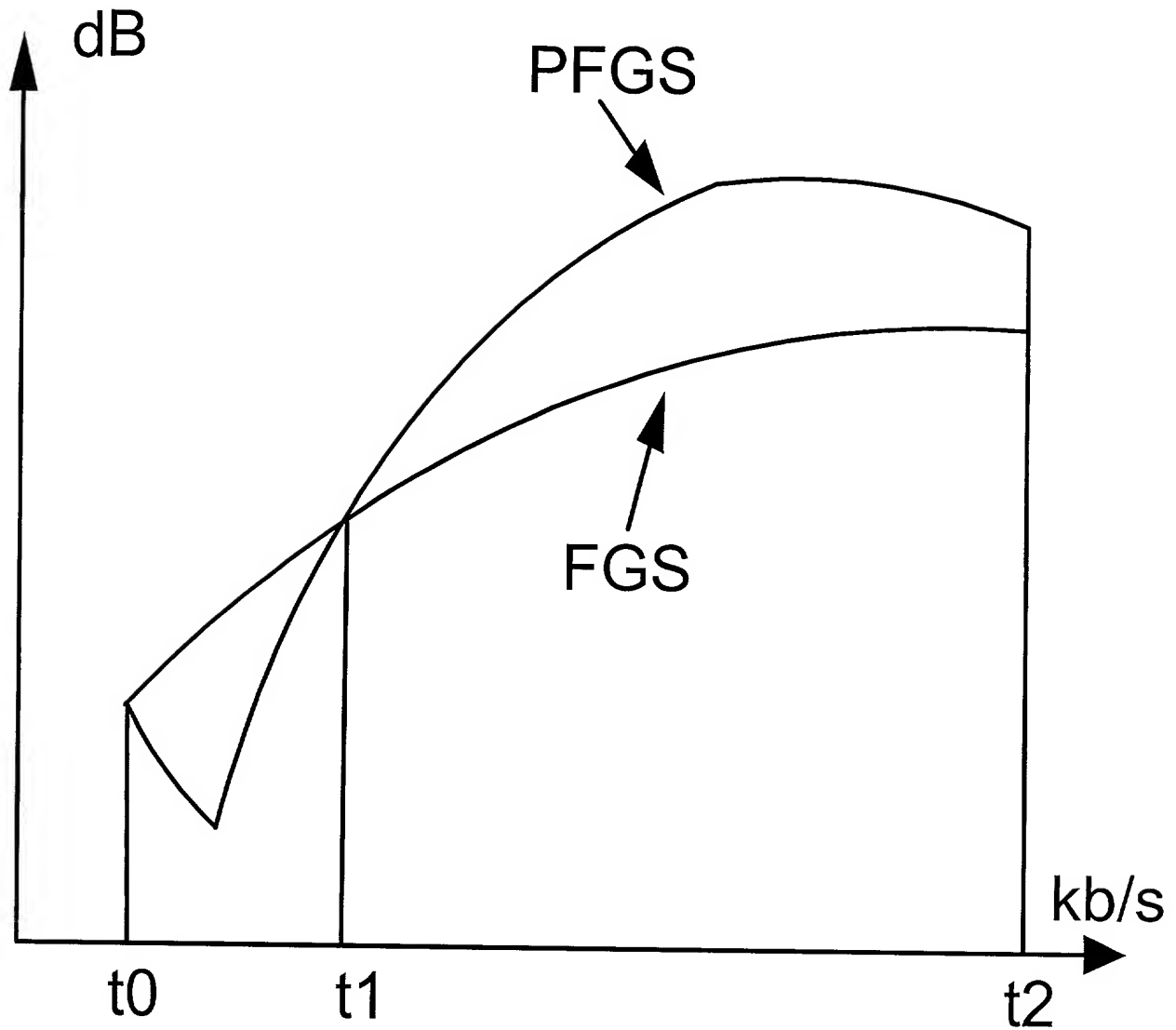


Fig. 11



*Fig. 12*



*Fig. 13*

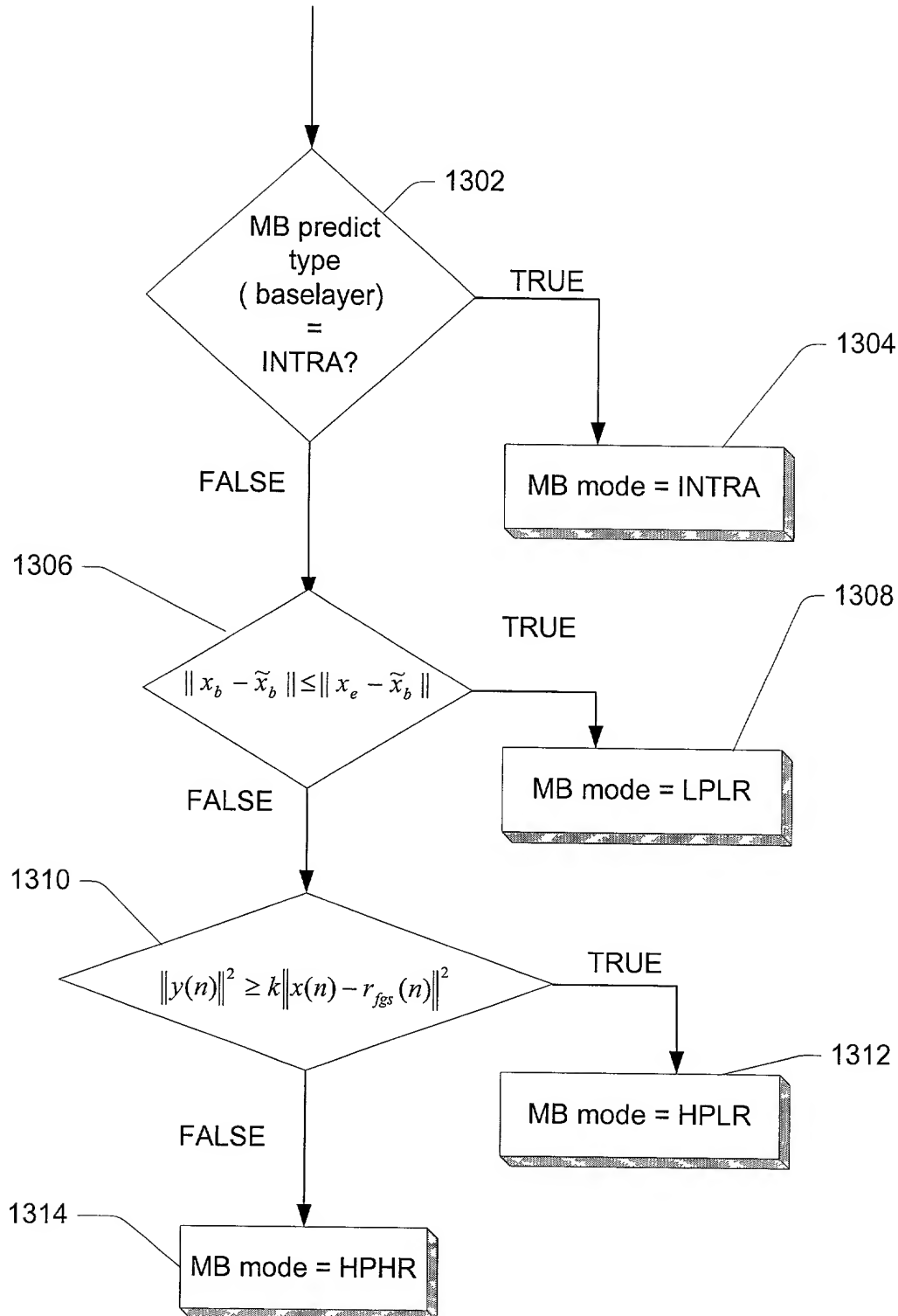
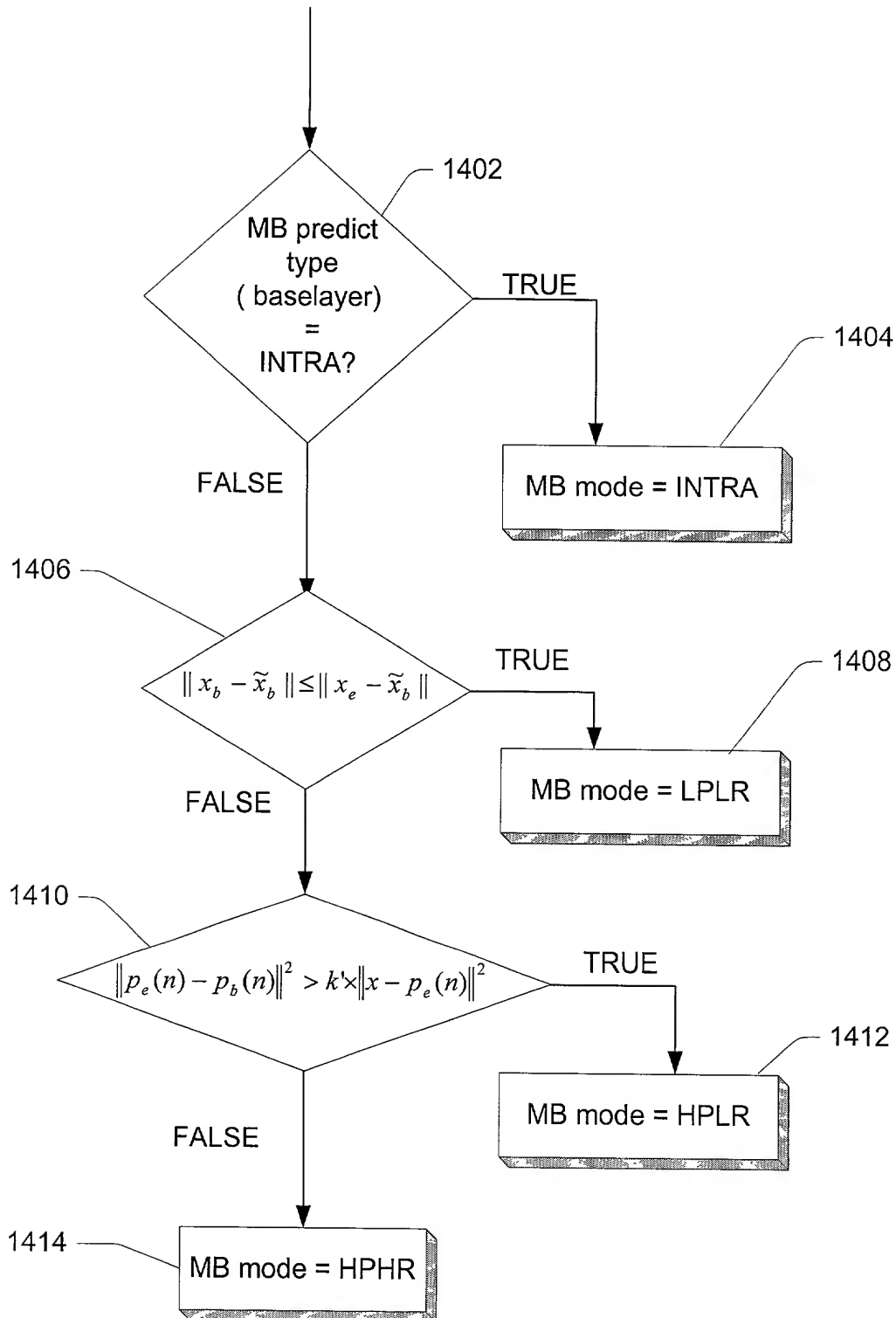
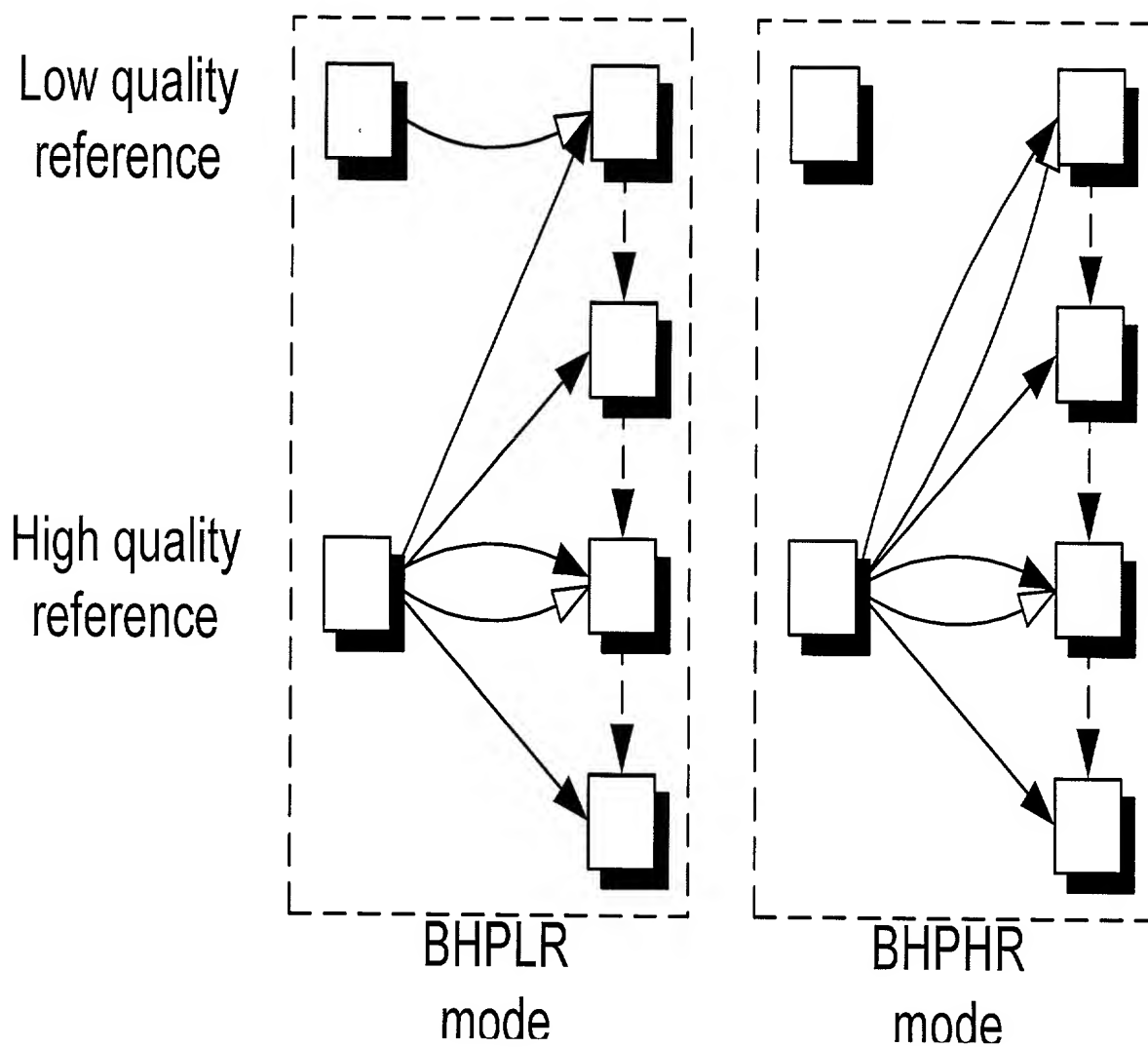


Figure 1 consists of seven sub-graphs labeled (a) through (g), arranged vertically. Each graph plots a different parameter against the concentration of the initiator ( $C_i$ ), which is on the x-axis for all graphs. The x-axis for all graphs ranges from 0 to 0.0015, with major ticks at 0, 0.0005, 0.001, and 0.0015.

- (a) Conversion ( $K$ ) vs  $C_i$ : The y-axis ranges from 0 to 1.0. The curve starts at (0,0) and rises steeply, reaching a conversion of approximately 0.8 at  $C_i = 0.001$ , and then levels off towards 1.0 as  $C_i$  increases further.
- (b) Degree of polymerization ( $P_n$ ) vs  $C_i$ : The y-axis ranges from 0 to 100. The curve starts at (0,0) and rises to a peak of about 80 at  $C_i \approx 0.0005$ , then decreases to about 40 at  $C_i = 0.0015$ .
- (c) Intrinsic viscosity ( $\eta_{sp}/c$ ) vs  $C_i$ : The y-axis ranges from 0 to 1.0. The curve starts at (0,0) and rises to a peak of about 0.8 at  $C_i \approx 0.0005$ , then decreases to about 0.4 at  $C_i = 0.0015$ .
- (d) Number-average molecular weight ( $M_n$ ) vs  $C_i$ : The y-axis ranges from 0 to 100,000. The curve starts at (0,0) and rises to a peak of about 80,000 at  $C_i \approx 0.0005$ , then decreases to about 40,000 at  $C_i = 0.0015$ .
- (e) Weight-average molecular weight ( $M_w$ ) vs  $C_i$ : The y-axis ranges from 0 to 100,000. The curve starts at (0,0) and rises to a peak of about 80,000 at  $C_i \approx 0.0005$ , then decreases to about 40,000 at  $C_i = 0.0015$ .
- (f) Polydispersity index ( $M_w/M_n$ ) vs  $C_i$ : The y-axis ranges from 0 to 1.0. The curve starts at (0,0) and rises to a peak of about 0.8 at  $C_i \approx 0.0005$ , then decreases to about 0.4 at  $C_i = 0.0015$ .
- (g) GPC chromatograms: This graph shows three chromatograms at different  $C_i$  values: 0.0005, 0.001, and 0.0015. The x-axis is labeled 'Retention time' and ranges from 0 to 10. The peaks shift to higher retention times as  $C_i$  increases.



*Fig. 15*



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*Fig. 16*

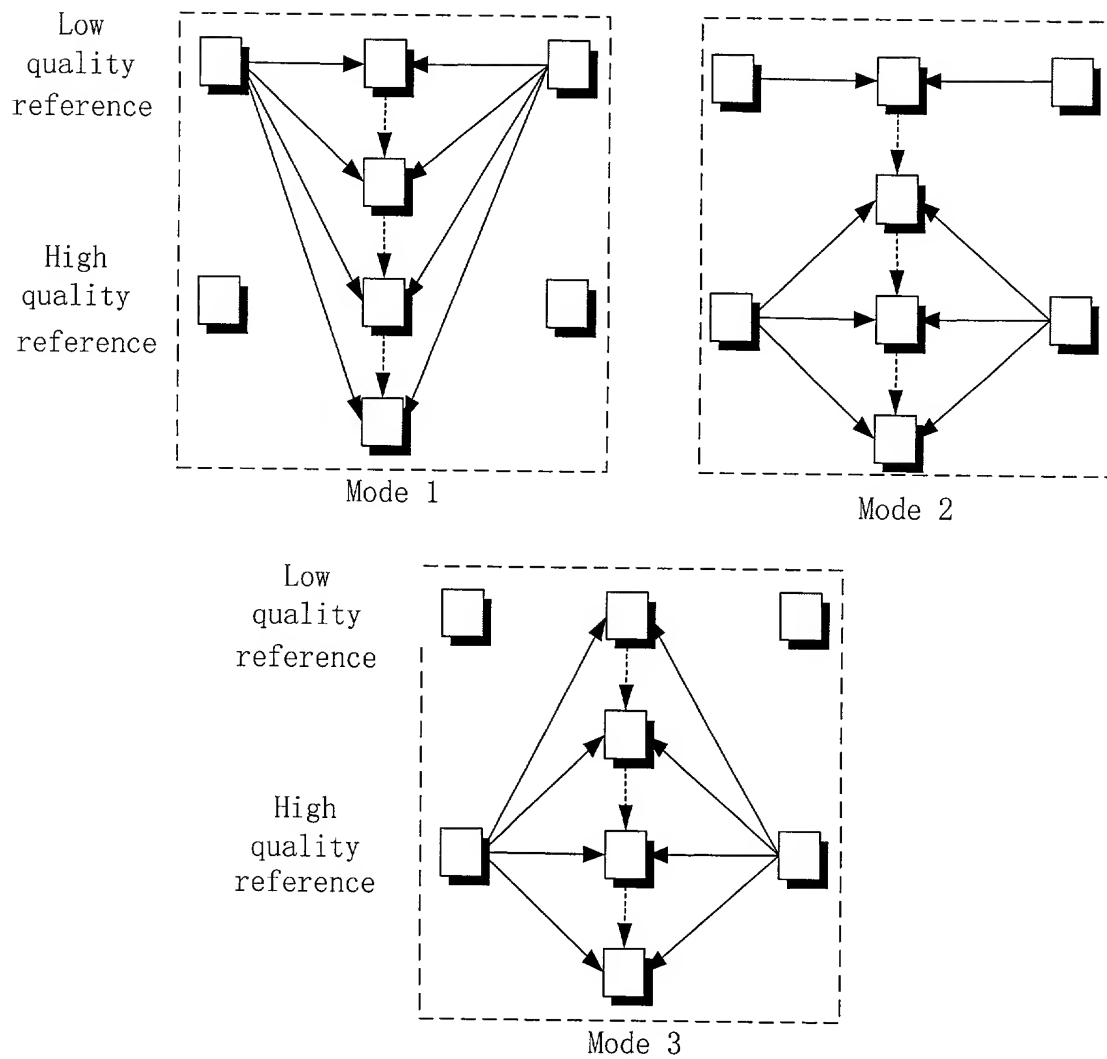
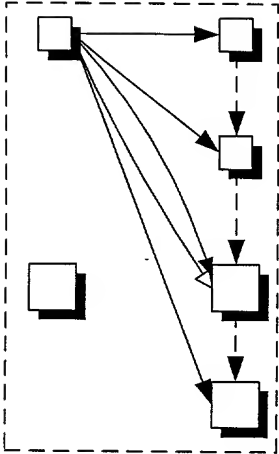
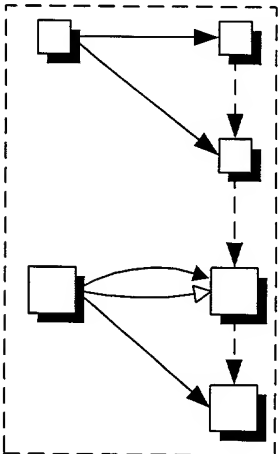


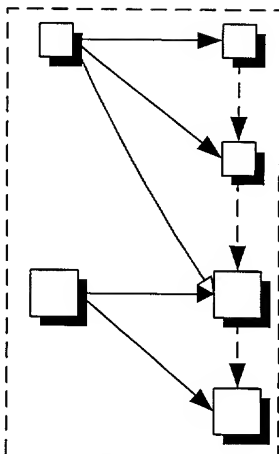
Fig. 17



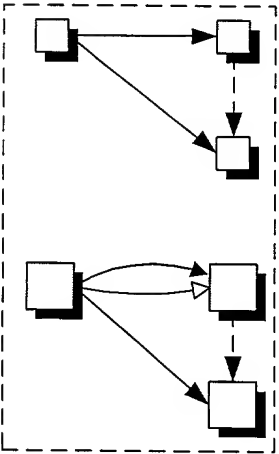
Mode 1



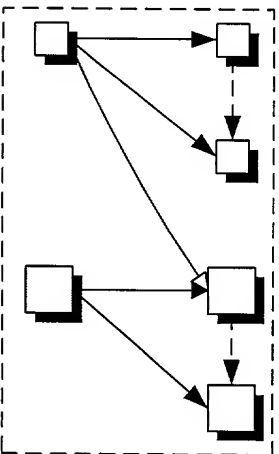
Mode 2



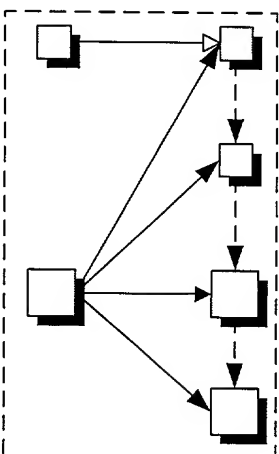
Mode 3



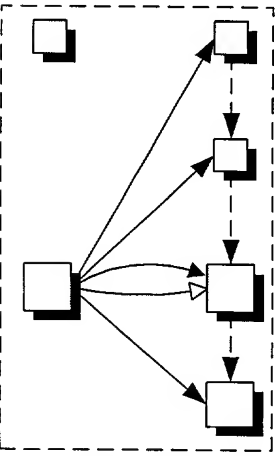
Mode 4



Mode 5



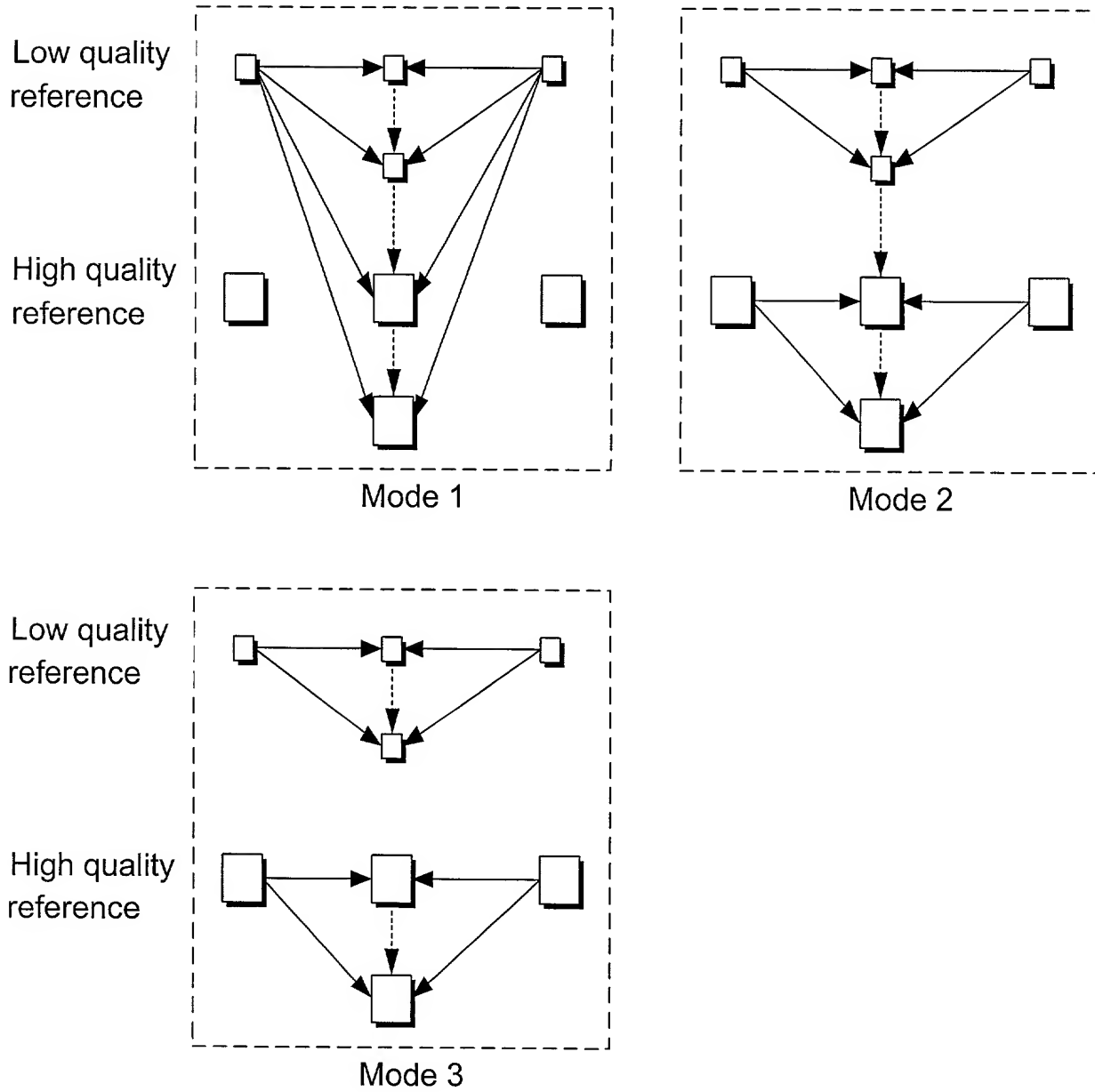
Mode 6



Mode 7

FIG. 17

*Fig. 18*



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